

# IT'S HAPPENING AT STATE

April 16, 2003  
**NDSU**

## Health care event outlines career options

About 200 people may have seen a glimpse of their futures when they attended "Get Your Hands on Healthcare" April 7 at the NDSU Alumni Center. The event was the first-ever collaboration between NDSU and MeritCare to showcase the local opportunities available in the health care fields.

Aimed at high school and university students, the event featured a live surgical Webcast in which Dr. Corey Teigen, a MeritCare interventional radiologist, performed a minimally invasive endovascular repair of an aortic abdominal aneurysm. In addition, students visited many booths that described educational, career and research opportunities in health-related areas.

"It showcases all the things that we have going on at NDSU—the accomplishments of our faculty, students and staff in biomedical research and innovation," President Joseph A. Chapman said. "Even more importantly, it shows yet another slate of opportunities that we bring for future students in careers that they probably hadn't thought about for NDSU."

Dr. Roger Gilbertson, MeritCare president/CEO, said that the partnership between NDSU and MeritCare is important in the effort to recruit young people into health care professions.

"Students are able to see the phenomenal opportunities there are in health care," Gilbertson said of the event. "The Labor Department has indicated that in 2010, about seven in every 10 new jobs are going to be in health care. That's something that students need to pay attention to. Our community and state also need to take advantage of the great resources we have, in both education and health care facilities, to keep kids from leaving North Dakota."

Among the hands-on learning booths students visited were biotechnology, pharmacy, nursing, pre-med, microbiology, food safety, radiology, respiratory care and computer science. In addition, there were places to learn about LASIK surgery, tissue engineering, exercise physiology and other topics.

"An event like this is extremely important for young people to explore and to get more information in a hands-on way," Jill Wilkey, NDSU Career Center director. "NDSU is a perfect partner with MeritCare because students now have a broader idea of what kinds of careers are available, and they also have seen how NDSU's areas of expertise can show them the ways to get there. An event like this answers all their questions."

Harriette McCaul, MeritCare human resources manager, said the "MeritCare Hot Jobs" list includes psychologist, radiologic technologist, ultrasound technologist, mammography technologist, nuclear medicine technologist, cytotechnologist and a number of other positions.

"We are hoping to expose students to the wide array of different job opportunities. Most students think of physicians, nurses or pharmacists, but we want them to know that there are many other fields in health care that pay very well," McCaul said. "We want them to know that there are opportunities right here in Fargo-Moorhead, so they can get a good job and stay right here."

### Varsity Mart staff recognition sale set

The Varsity Mart has scheduled a one-day staff recognition sale for Thursday, April 17. Art, office supplies, clothing, NDSU souvenirs, gifts and trade books will be offered at 30 percent off regular prices. Some exclusions apply. In addition, Easter merchandise is on sale through April 17. A variety of gift items, including plush animals and ornaments, is available.

### 'It's Happening' deadline change reminder

Due to the Good Friday holiday, the deadline for the April 23 issue of "It's Happening at State" is noon April 16.

### Next Issue

Publication date: Wednesday, April 23  
Submissions due: noon April 16  
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## Reaccreditation subcommittee updates

As part of the self-study process to prepare for NDSU's reaccreditation visit in 2006, a working group of the NDSU Self-Study Steering Committee is examining the aspects of general education on campus.

The working group will examine and evaluate NDSU's existing general education program, with particular attention to assessing to what extent students meet the seven general education learning outcomes.

The outcomes include:

- The ability to communicate effectively in a variety of contexts and formats
- Locate and use information for making appropriate personal and professional decisions
- Comprehend the concepts and perspectives needed to function in national and international societies
- Comprehend intra-personal and interpersonal dynamics
- Comprehend concepts and methods of inquiry in science and technology and their applications for society
- Integrate knowledge and ideas in a coherent and meaningful manner
- Comprehend the need for lifelong learning

In addition, the working group will examine many aspects of the campus that affect general education, but that might not traditionally come to mind, including the Program Review Committee's role in reviewing student learning effectiveness, to examples of new infrastructure such as the PRS systems or the Formative Assessment Web site which promote student learning.

The working group will present their draft findings next fall as part of a series of forums for the Self Study process.

The subcommittee on diversity also is gathering information about diversity efforts and accomplishments in academic programs and curricula, campus programming and support efforts across all campus units, outreach and institutional support and infrastructure. Reporting and documenting NDSU's efforts in diversity are important since this is an area where previous review teams have expressed concern and encouraged additional attention and effort.

Academic departments are encouraged to send information about their diversity efforts to subcommittee co-chair Douglas Freeman, chair and professor of veterinary and microbiological sciences, at [douglas.freeman@ndsu.nodak.edu](mailto:douglas.freeman@ndsu.nodak.edu).

Other information about diversity efforts, including those planned but not yet in place, also is welcome and can be sent to subcommittee members Colette Erickson, assistant director of human resources, at [Colette.Erickson@ndsu.nodak.edu](mailto:Colette.Erickson@ndsu.nodak.edu); Sandra Holbrook, equal opportunity director, at [Sandra.Holbrook@ndsu.nodak.edu](mailto:Sandra.Holbrook@ndsu.nodak.edu); Laura Oster-Aaland, director of Orientation and Student Success, at [Laura.Oster-Aaland@ndsu.nodak.edu](mailto:Laura.Oster-Aaland@ndsu.nodak.edu) or Kerri Spiering, interim director of International Programs, at [Kerri.Spiering@ndsu.nodak.edu](mailto:Kerri.Spiering@ndsu.nodak.edu).

## Students approve project fees, elect leaders

The NDSU student body has approved fee increases to pay for expansion projects for the Wellness Center and the Memorial Union. In the April 8-9 election, the students also elected junior Josh Swanson as the next study body president and junior Dan Mostad as vice president.

The Swanson/Mostad campaign, which received 819 votes, defeated five other tickets in the largest student voter turnout in school history. Swanson is a native of Maddock, N.D., who is majoring in political science and history. Mostad is an agribusiness major from Minot, N.D. They will be sworn into office on April 27.

The Memorial Union expansion was overwhelmingly approved with 1,743 votes, or 63 percent, in favor of the project, and 1,035 votes against it. "We're very pleased that there was such strong support, and we appreciate their willingness to look at the fee structure to make it happen," said Janna Mausolf Stoskopf, Memorial Union director. "We now enter an exciting time of getting a tremendous amount of input on what exactly the final design will be and progressing forward."

Preliminary plans for the expansion call for an addition of approximately 49,000 square feet and renovation of approximately 40,000 square feet of the existing building. A small addition to the south will expand the Varsity Mart, but the primary addition would be to the east. The construction cost is estimated to be between \$9 million and \$10 million. Under the plan, the Student Activity Fee will rise from the current \$1.25 per credit hour for the Memorial Union bond to \$2.25 in 2004-05 and incrementally to \$3.85 in 2007-08.

The Wellness Center expansion was approved with similar results—1,749 ballots in favor and 1,034 voting no. "We are so excited to have confirmation from the students that they support this project. We want to say thank you to the students for bringing this forward and for working so hard to make it happen," said Angie Nelson, assistant director for operations and promotions at the Wellness Center. "The need is great for the expansion. We would do it today if we could."

The Wellness Center project requires an additional fee of \$42 per semester per student, beginning in the spring of 2005. The 74,000-square foot expansion, which is planned to open in the fall of 2007, will include additional strength and cardiovascular space and equipment, a climbing wall, an additional group exercise studio, a martial arts studio, basketball/volleyball courts, racquetball courts, a suspended running track, steam rooms and additional locker rooms. The total cost of the project, including equipment, is anticipated to be \$8.8 million.

The projects will be brought to the State Board of Higher Education for approval in the early summer and to the State Legislature in 2005.

## Guidelines for hiring underage employees explained

Departments hiring workers under the age of 18 should be aware of employment guidelines set by the Fair Labor Standards Act restricting the type of work that can be performed by youth ages 14 to 17.

Workers ages 16 and 17 may work at any time for an unlimited number of hours in positions declared not hazardous. Hazardous occupations include work that requires the operation of any motor vehicle; certain types of power-driven woodworking, metal working and bakery machinery; or various power-driven hoisting apparatus. Also included are jobs working with radioactive or explosive materials.

Workers ages 14 and 15 may work no more than three hours on school days and eight hours on non-school days. Total working hours is limited to 18 during school weeks and 40 during non-school weeks. Work hours must be between 7 a.m. and 7 p.m. except between June 1 and Labor Day when the evening hour extends to 9 p.m. A variety of non-hazardous jobs are acceptable including office, food service, cleanup, and errand and delivery work by foot, bicycle or public transportation. In addition to the previously listed hazardous jobs, work involving cooking, baking, grilling, frying, operation or tending of most power-driven machinery, hoisting or lifting apparatus, pits, racks, tire repair equipment and work connected with warehousing, storage, loading and unloading, construction and security is prohibited.

Minors under age 16 also may not work in agricultural occupations declared hazardous, including cultivation and tillage of soil; dairying; production, cultivation, growing and harvesting of agricultural or horticultural commodities; raising of livestock; and any practices performed by a farmer or on a farm as an incident to or in conjunction with such farming operations including delivery to storage or to carriers for transportation.

Youth under age 14 may not work for NDSU.

Work permits must be obtained for employees between the ages of 14 and 16 and submitted to the payroll office. Work permits may be obtained through the school in which the candidate is attending or through the Superintendent of Schools office.

For more information, contact human resources at 1-8788.

## NCI hosts pasta processing short course

Pasta and noodle makers took part in a pasta processing short course held recently at the Northern Crops Institute. In "Pasta and Noodles: Raw Materials and Processing," representatives from companies including General Mills, Kraft, Golden Grain, Quaker Foods and smaller family-owned companies received training on the quality and business aspects of pasta processing.

"Pasta processors continue to send employees to NCI because of the value our courses provide in their education," said Brian Sorenson, NCI technical director. "It's very important to educate processors on how to produce the highest quality product. U.S. pasta consumption is key to the sale of U.S. durum."

Nearly 75 percent of the nation's 100-million bushel annual durum crop originates in North Dakota. "This course and the industry it represents take on particular significance for North Dakota and its economy, since North Dakota is such a major player in the U.S. durum industry," said Neal Fisher, administrator of the North Dakota Wheat Commission. "Approximately 60 percent of the annual U.S. durum crop is used domestically and roughly 40 million bushels are sold to processors in as many as 30 countries each year."

The pasta industry has displayed a continued interest in the NCI course, according to Patricia Berglund, NCI director. "We offered our first pasta processing course in 1984," she said. "Since then, the pasta industry has seen a major consolidation.

Instead of the 250 or more companies that we had in the United States. In the 1920s, we probably have five major players in the country today including Dakota Growers Pasta."

Northern Crops Institute supports regional agriculture and value-added processing by conducting educational and technical programs that expand and maintain domestic and international markets for northern-grown crops.

## NDSU/tribal colleges collaboration featured in national publication

The NDSU/tribal colleges collaborative project "An Adaptive Systemic Initiative of Tribal Collaboration for Increasing Native American Participation in Mathematics, Science and Engineering" was featured in the March issue of PRISM, the magazine of the American Society of Engineering Education.

The five-year project, funded by the Office of Naval Research (ONR), began in May 1999. The project includes weekend academies and summer camps for reservation high school students and tribal college students. Reservation high school teachers and faculty from NDSU and five North Dakota tribal colleges work together in the activities, which also include course development and mentoring. In addition, the project offers scholarships for American Indian students.

For additional information, contact G. Padmanabhan, chair and professor of civil engineering, at 1-7043.

## Women's Club scholarships available

The NDSU Women's Club, a service and social organization in existence for more than 75 years, is again providing two scholarships, to be awarded in the fall. Applications are available in the Office of Student Financial Services, and must be submitted by May 9.

Applicants must be students from North Dakota, South Dakota or Minnesota; have junior status during the upcoming fall semester, regardless of age; show evidence of extracurricular and/or community involvement; and provide letters of reference from at least two NDSU-related persons, including the major professor. A 3.2 cumulative grade point average is the minimum, and demonstration of financial need is not required.

## NDSU Libraries Easter break hours set

Hours for the NDSU Libraries during Easter break are:

### Main Library

Thursday, April 17—7:30 a.m.-5 p.m.

Friday-Sunday, April 18-20—closed

### Branch Libraries

Thursday, April 17—7:30 a.m.-4:30 p.m.

Friday-Sunday, April 18-20—closed

Regular academic hours resume Monday, April 21.

A current listing of hours can be obtained by consulting the Libraries' Web page at [www.lib.ndsu.nodak.edu](http://www.lib.ndsu.nodak.edu), by using the HRS command on the online catalog or by calling 1-9456.

## People

### Finalists named for director of International Programs

Open forums have been held or are scheduled for the four finalists for director of the Office of International Programs. The search committee is seeking input on the candidates, which may be sent to Thomas Riley, committee chair and dean of arts, humanities and social sciences, at [Thomas.Riley@ndsu.nodak.edu](mailto:Thomas.Riley@ndsu.nodak.edu).

The candidates' presentation topic is "Philosophy of International Programs." Forums were held for Victor Udin on April 10 and Barbara Waters on April 15. Forums are scheduled for Kerri Spiering at 3 p.m. Wednesday, April 16, in EML 370, and Paul Landen at 11 a.m. Wednesday, April 23, in the Memorial Union University Chamber.

Udin is director of International Programs at the College of Education, Iowa State University. From 1993 to 1995, he was a program assistant in the Office of International Programs in the College of Agriculture at that institution. Udin has a doctorate in educational administration from Iowa State University, a master's degree in English from the University of Northern Iowa and a bachelor's degree from St. Petersburg Pedagogical Institute. Udin is a member of NAFSA: Association of International Educators and a member of the editorial advisory board for the International Journal of Educational Reform.

Waters holds a doctorate in education and a master's degree in instructional systems technology from Indiana University and a bachelor's degree from Mount St. Mary College. She was an assistant coordinator for the International Center at Indiana University from 1989 to 1994, the assistant academic vice president for international programs at Fairfield University, Fairfield, Conn., from 1994 to 1999, and director of International Student Services at Indiana University Purdue University, Fort Wayne, from 1999 to 2001. She has written publications on international education, multicultural counseling and the college selection process for foreign students.

Spiering is the interim director of NDSU's Office of International Programs and Studies. She was associate director of the office from 1997-2000, and assistant director from 1994-96. She has a master's degree in international affairs from the American University, Washington, D.C.; a bachelor's degree from Wartburg College, Iowa; and is currently a doctoral candidate in communication at NDSU. She is a member of NAFSA: Association of International Educators and is treasurer of Region IV. She is a member of the Association of International Education Administrators, and is the NDSU National Security Education Program campus representative.

Landen is the director of the Office of International Affairs at Ferris State University, Big Rapids, Mich. He held the position of director of International Educational Services at the University of Vermont prior to that, and was coordinator of International Exchange Programs in the Office of Study Abroad at Michigan State University from 1995-97 and an academic adviser at that institution from 1990-95. He holds a doctorate in interdisciplinary studies, a master's degree in counseling and two bachelor's degrees from Michigan State University. He is a member of NAFSA: Association of International Educators and the European Association for International Education.

### Chang appointed committee member for Institute of Food Technologists



Chang

Sam Chang, professor of cereal and food sciences, has been appointed to a two-year position as a member of the Institute of Food Technologists' Committee on Higher Education.

The committee's duties include studying and making reports and recommendations to the executive committee on matters relating to food science and technology degree programs at post-secondary institutions; acting in an advisory capacity to and cooperating with units inside and outside the institute on matters relating to higher education; administration of the fellowship/scholarship program of the institute; and fostering relationships between higher education and the food industry, government and research institutions.

There are approximately 30,000 members of the institute, mostly from the approximately 50 land-grant universities that have food science or related departments. Members, which include faculty, staff and students, are encouraged to make suggestions to improve the role of the IFT in shaping degree programs and other affairs relating to higher education.

"I am honored to be appointed as a member of this committee, and would like to invite anyone to share their ideas and input within the scope of the duties of this committee," Chang said.

According to Chang, the committee's recommendations have great impact on student recruitment, curriculum and program development, and preparing students for the food industry. For more information, contact Chang at [Kow.Chang@ndsu.nodak.edu](mailto:Kow.Chang@ndsu.nodak.edu).

### Khan elected to American Association of Cereal Chemists board



Khan

Khalil Khan, professor of cereal and food sciences, has been elected to serve on the board of directors for the American Association of Cereal Chemists (AACC), an international scientific organization. Khan's three-year board appointment is set to begin in October.

He currently serves as planning committee chair for the association's annual meeting and as chair of the AACC Protein Division. According to Khan, the board appointment will provide him with an excellent opportunity to provide feedback from members on the NDSU campus.

For more information on the AACC, visit [aaccnet.org](http://aaccnet.org).

### Graham named Co-Pitcher of the Week

Lindsey Graham was named as Co-Pitcher of the Week by the North Central Conference on April 8. She received the honor for the third time this season and ninth time in her career.

The junior from Great Falls, Mont., pitched 14 innings against Washburn and Central Missouri State giving up five hits and two earned runs while striking out 15 and walking one batter.

She shared the honor with Augustana College's Megan Faris.

## NDSU welcomes visiting research scholar

The Department of Civil Engineering and Construction welcomes Pantawat Sampanpanish, who recently joined the department as a visiting research scholar.

Sampanpanish is a researcher at the Environmental Research Institute, Chulalongkorn University, Bangkok, Thailand. He received his master's degree in forestry from Kasetsart University, Thailand, and he has 10 years of research experience in the areas of biodiversity and impact of urban development on agriculture.

His research interests include phytoremediation and biosorption. He is currently working under the guidance of Eakalak Khan, assistant professor of civil engineering and construction, on a study titled "Chromium Removal from Wastewater of Tanning Industry by Biosorption with Broad Leaf and Narrow Leaf Biomass."

His visit is supported by the Thai government, and he will be at NDSU until February 2004.

## ND EPSCoR announces AURA awards

North Dakota EPSCoR has announced the winners of the summer 2003 Advanced Undergraduate Research Awards (AURA) program. AURA provides undergraduate students up to \$2,800 and the opportunity to participate in faculty-mentored research projects at NDSU and the University of North Dakota. Competing students submit applications based on research topics submitted each fall by faculty from the sciences, engineering and mathematics. A faculty review committee ranks each student's application, and awards are given directly to the winners. North Dakota residents and students enrolled at North Dakota University System institutions are eligible.

The NDSU campus award winners, their home towns and mentors are:

Allison Albrecht, Hazen, N.D., Kevin McCaul, psychology  
Paul Barron, Ruthton, Minn., Wenfang Sun, chemistry  
Brandon Gustafson, West Fargo, Gregory Cook, chemistry  
Sarah Heimerdinger, Fargo, Verlin Hinsz, psychology  
Jordan Henkel, St. Cloud, Minn., Verlin Hinsz, psychology  
Amanda Holicky, Dalton, Minn., Stefan Balaz, pharmaceutical sciences  
Jessica Hurdalbrink, Mandan, N.D., Paul Rokke, psychology  
Karla Radke, Fargo, Seth Rasmussen, chemistry  
Casey Spieker, Willmar, Minn., Clayton Neighbors, psychology  
Jocelyn Suchor, Larimore, N.D., Jagdish Singh, pharmaceutical sciences

The AURA program has grown from a three-student pilot program in 1987, to an average of 20 students each year between NDSU and UND. A total of 290 undergraduate students have received the awards.

ND EPSCoR is a federally and state funded program designed to improve the ability of university researchers to compete more effectively for federal, regional and private research grants in the sciences, engineering and mathematics. For AURA program information, visit [www.ndsu.nodak.edu/epscor](http://www.ndsu.nodak.edu/epscor) or contact David R. Givers at 1-7516.

## SIFE chapter wins regional competition

NDSU's Students In Free Enterprise (SIFE) chapter took first place in the organization's regional competition April 8 in Minneapolis. The team goes on to the national competition in Kansas City, scheduled for May 11-13.

A total of 22 schools from North Dakota, South Dakota, Iowa and Minnesota participated in the regional competition. NDSU won its seven-team league, one of five leagues in the event.

Six students of the 24-member NDSU SIFE team were given 24 minutes to describe their group's activities during the academic year. They were judged on the quality of the presentation and their projects.

"They did a fantastic job," said Charles Harter, associate professor and chair of accounting and information systems. Harter and Joel Hanson, Career Center assistant director, are Sam Walton Fellows and serve as advisers for the NDSU SIFE team.

"It's terrific to work with such dedicated students, and it's an honor to be associated with a group of students that has now won the regional competition two years in a row," Harter said.

The student presenters included senior Benjamin Schmitt, who is majoring in mechanical engineering; senior James Burgum, a business administration major; senior Bryan Trautman, a Management Information Systems major; senior Abigail Barber, a business administration major; senior Alison Heinrich, an MIS major; and senior Daniel Flannery, an MIS major.

Among the topics they presented were a project at Fargo's Madison Elementary School where SIFE members taught basic economics by using an economics game played with the elementary students, presentations in the University Studies 189 class about debt management, a panel discussion involving four local human resources directors, the Time Initiative project to build the number of entrepreneurs in the area and the monthly 5:01 Entrepreneur Cafe meetings that are co-sponsored with Student Government.

SIFE is a worldwide organization with 1,400 participating universities and colleges in 33 countries. It teaches how free enterprise operates through outreach projects to assist children, college students and the community.

## North Dakota State Science and Engineering Fair winners announced

Competition winners were announced at the North Dakota State Science and Engineering Fair, which concluded April 4 on the NDSU campus. The sweepstakes winner is Brittney Black, a home schooled student from Williston, N.D., who will receive an \$8,000 scholarship to NDSU and will represent North Dakota at the Intel International Science Fair scheduled for May 1-17 in Cleveland. Her project, "Development of a Computer Language for Children," was selected first out of 256 research projects.

Brian Fisher, a Mandan, N.D., High School senior was the sweepstakes runner-up with research on plant cultures. His efforts were rewarded with a \$6,000 NDSU scholarship.

Black and Fisher will lead a delegation of 18 North Dakota contestants at the Intel International Science Fair in May. For more information on this story, call Don Andersen, associate professor of civil engineering, at 1-7225.

## Cooper receives architectural acoustics award

Architecture and landscape architecture student Andrew Neal Cooper is the recipient of NDSU's first Robert Bradford Newman medal. For his thesis project, Cooper used computer-based aural simulation software to design a downtown concert hall for the Fargo-Moorhead symphony orchestra.

Endowed by the Robert Bradford Newman Student Award Fund of the Acoustical Society of America, the medal is given annually for meritorious student work in architectural acoustics.

## Events

### ITS director forums scheduled

The search committee for the NDSU ITS director invites the campus to open forum presentations for the position's four finalists. Candidates will speak on "The Role of ITS in the 21st Century in a Land Grant Institution." All forums will be held in the Memorial Union's Century Theatre.

The forum for Thomas Moberg, vice president and chief information officer, St. Louis University, St. Louis, is scheduled for 2 p.m. Thursday, April 17.

Rosalinda Kloberdanz, NDSU Information Technology Services interim director, is scheduled to give her presentation at 11 a.m. Wednesday, April 23.

Paa-Bekoe Welbeck, vice president for informational technology and chief technology officer, Virginia Union University, Richmond, Va., is scheduled to present at 11 a.m. Friday, April 25.

The forum for Michael Salem, director of University Computing Services, University of Missouri-Columbia, is scheduled for 11 a.m. Tuesday, April 29.

### Lively Arts Series presents the Blind Boys of Alabama

The NDSU Lively Arts Series will present a performance by the gospel singing group Blind Boys of Alabama scheduled for 7 p.m. Saturday, April 26, in Festival Concert Hall.

For more than 60 years, the Blind Boys of Alabama have kept alive the spirit and energy of soul gospel music. Formed in 1939 at the Alabama Institute for the Negro Blind, the group won the Grammy Award for Best Traditional Soul Gospel Album two years running.

Rolling Stone magazine described the group as establishing "gospel and rock-era songs in a drawling blues atmosphere while still summoning the evangelical spirit of a crusade in progress, capturing the feeling not just of the revival tent but of the dark, human swampland lurking just beyond it."

Tickets are \$13 for adults, \$10 for senior citizens and NDSU employees, \$7 for non-NDSU students and children, and \$6 for NDSU students, and are available at the Memorial Union Ticket Office.

## Film screening set as part of world literature conference



Tajima-Peña

A screening of the Sundance Film Festival award-winning film "My America...Or Honk If You Love Buddha," by director and writer Renee Tajima-Peña, is scheduled for 8 p.m. Saturday, April 26, at the Fargo Theatre. The event is free and open to the public, and is being held in conjunction with the Red River Conference on World Literature, sponsored by the NDSU English department.

Tajima-Peña has become a chronicler of the American scene. The feature-length documentary takes the audience on a cross-country road trip as the author searches for Asian America. The result is an often funny and poignant look at a changing panorama as she encounters rappers, debutantes, laborers and freedom fighters. Her film, "Who Killed Vincent Chin?" an investigation of the beating death of a Chinese-American in Detroit, received an Academy Award nomination.

For more information, visit the conference Web site at [www.ndsu.edu/RRCWL/](http://www.ndsu.edu/RRCWL/) or contact Kevin Brooks, assistant professor of English, at 1-7146 or [Kevin.Brooks@ndsu.nodak.edu](mailto:Kevin.Brooks@ndsu.nodak.edu).

### English department seminar scheduled

Robert O'Connor, professor of English, is scheduled to present "Baz Luhrmann's 'Moulin Rouge': Orpheus Again Descending," at 3:30 p.m. Wednesday, April 30, in Minard 209.

O'Connor will discuss the structuring of the plot of the film "Moulin Rouge" around the myth of Orpheus and Eurydice. The presentation will examine director Luhrmann's use of elements of Moulin Rouge history, including Parisian architecture and topography, and 19th century opera and melodramatic fiction to create the innovative musical.

Persons interested in being a presenter or with suggestions regarding the series should contact William Cosgrove, professor of English, at 1-7147, or [bill.cosgrove@ndsu.nodak.edu](mailto:bill.cosgrove@ndsu.nodak.edu).

### Little Country Theatre to present 'subUrbia'

The Little Country Theatre is scheduled to present "subUrbia" by Eric Bogosian, at 9 p.m. Wednesday, April 30-Saturday, May 3. A free preview night for NDSU staff is scheduled for 9 p.m. Tuesday, April 29. All performances will be held in Askanase Auditorium.

The play tells the story of a group of dead-end locals who experience a night of unforgettable recklessness, reunion and remorse. Bogosian, known for his dark humor and biting social satire, zeroes in on today's youth, depicting the yearnings and rage of a lost generation. Set in a local corner convenience store, the story depicts a group of aimless 20-somethings who have gathered to meet a former classmate gone "rock star." In the course of one night, some will find escape, while others are left behind to deal with a tragedy.

Tickets are \$10 for adults; \$8 for seniors, NDSU alumni, faculty, staff and non-NDSU students; and \$4 for NDSU students. Tickets are available by calling the fine arts box office at 1-9442. Due to the adult nature of the production, no one under 16 will be admitted unless accompanied by a parent.

## Bison Ambassadors host Senior Day

The Bison Ambassadors are scheduled to sponsor the eighth annual NDSU Senior Day from 3-5 p.m. Wednesday, April 23, in the Bison Sports Arena. The event honors undergraduate seniors for their accomplishments and contributions to NDSU and the Fargo-Moorhead community. Graduates of spring, summer and winter semesters are included.

The event includes a barbecue dinner, games and a T-shirt for attendees. Door prizes will be awarded throughout the event with five \$100 cash prizes set to be awarded at approximately 4:30 p.m. Students must be present to win the cash prizes.

Senior Day is sponsored by the Office of the President, Dining Services, the Alumni Association, the Career Center and the Bison Ambassadors. For more information contact Jakelle Cornell at 239-2596 or [kelle1224@hotmail.com](mailto:kelle1224@hotmail.com).

## Shorts and Reminders

### Technology Transfer Spring Symposium reminder

The second annual Technology Transfer Spring Symposium, sponsored by CATT, is scheduled for 3-5 p.m. Tuesday, April 22, in the NDSU Research and Technology Park's Research 1 building, conference room 148/154. RSVP by April 17 to Laura Dallmann at 1-5916 or [Laura.Dallmann@ndsu.nodak.edu](mailto:Laura.Dallmann@ndsu.nodak.edu).

### Food production management meals

A "Spring Garden Grill" meal is scheduled for 11:30 a.m.-noon Tuesday, April 22, and Thursday, April 24, in the lower level of West Dining Center. The menu includes chicken tortilla soup, tri-color chips with picanté sauce, grilled vegetable sandwich with jack and parmesan cheeses, spicy potato wedges, pickles, fresh strawberry garnish, a nutter butter bar and choice of beverage. Cost of the meal is \$5.85 or free to those on a meal plan. For reservations, call 1-7023 or sign up at the West Dining Center check stand.

### Union Food Court specials for April 16-23

#### Soup of the day

Wednesday: vegetable beef and baked potato  
Thursday: Southwestern chicken chili and tomato  
Friday: closed  
Monday: beer cheese and chicken rice  
Tuesday: cream of potato and chicken noodle  
Wednesday: knoefla and minestrone

#### The Corner Deli

Wednesday: roast beef  
Thursday: turkey club  
Friday: closed  
Monday: closed  
Tuesday: beef and cheddar wrap  
Wednesday: ham

#### A La Carte

Wednesday: ranch chicken wrap  
Thursday: chicken fried steak  
Friday: closed  
Monday: closed  
Tuesday: taco salad  
Wednesday: chicken parmesan

### Pizza Express

Wednesday: meatball  
Thursday: Southwestern chicken  
Friday: closed  
Monday: closed  
Tuesday: Tuscany  
Wednesday: creamy garlic chicken

### The Union Grab and Go

Wednesday: roast beef  
Thursday: beef broccoli  
Friday: closed  
Monday: meat loaf and gravy  
Tuesday: spaghetti and meatballs  
Wednesday: chicken Szechwan

Items are subject to change without notice. Call the Dining Services Lunch Line at 1-9501 to check out all of our daily specials. Questions or comments may be dropped in the suggestion boxes located in each dining center and the Union Food Court or call Kristina at the Union Buffet at 1-8122.

### Positions Available

Positions open and screening dates through the Office of Human Resources, Room 205, Old Main:

#### Campus Visit Coordinator/Receptionist/#576

Admissions  
\$19,000 minimum/year  
April 18 or until filled

#### Administrative Secretary/#5040

Pharmacy Dean's Office  
\$25,000+/year  
April 23

#### Custodian (Two positions)

M-F, 5 a.m.-1:30 p.m.  
Physical Plant  
\$16,752+/year  
April 21

#### Research Technician/#5629

Polymers and Coatings  
\$28,000+/year  
April 16 (re-opened)

#### LAN Work Group Leader

Information Technology Services  
\$47,600 minimum/year  
April 21

Position openings also are available through the NDSU Web site at [www.ndsu.edu/jobs](http://www.ndsu.edu/jobs).

## Research Opportunities

The Office of Sponsored Programs Administration announces the following funding opportunities and deadlines. For more information, refer to the Web site or contact information provided with each listing. For information about other grant opportunities, you may conduct an online funding search via the Community of Science Web site at [www.cos.com](http://www.cos.com), and clicking on "Services," then "COS Funding Opportunities."

### Course, Curriculum, and Laboratory Improvement

The National Science Foundation (NSF) invites proposals for Course, Curriculum and Laboratory Improvement (CCLI) grants. The program seeks to improve the quality of science, technology, engineering and mathematics (STEM) education for all students, based on research concerning the needs and opportunities that exist and effective ways to address them. It targets activities affecting learning environments, course content, curricula and educational practices, with the aim of contributing to the relevant research base. The program consists of the Educational Materials Development (CCLI-EMD) and National Dissemination (CCLI-ND) tracks, both with June 18 deadlines; the Adaptation and Implementation (CCLI-A and I) track with an anticipated proposal deadline of November or December; and the Assessment of Student Achievement in Undergraduate Education (ASA) which has an anticipated September proposal deadline. For more information, see [www.nsf.gov/pubs/2003/nsf03558/nsf03558.htm](http://www.nsf.gov/pubs/2003/nsf03558/nsf03558.htm).

### Faculty Early Career Grants

The National Science Foundation offers the Faculty Early Career Development (CAREER) Program, a foundationwide activity that offers its most prestigious awards for new faculty members. The CAREER program recognizes and supports the early career development activities of those teacher-scholars who are most likely to become the academic leaders of the 21st century. CAREER awardees will be selected on the basis of creative career development plans that effectively integrate research and education within the context of the mission of their organization. Such plans should build a firm foundation for a lifetime of integrated contributions to research and education. NSF encourages submission of CAREER proposals from new faculty members at all CAREER-eligible organizations and especially encourages women, members of underrepresented minority groups and persons with disabilities to apply. Submission deadlines for biological sciences, computer and information science and engineering, and education and human resources fields are July 22, 2003, and July 20, 2004. Deadlines for engineering proposals are July 23, 2003, and July 21, 2004. Deadlines for geosciences; mathematical and physical sciences; social, behavioral and economic sciences; and Office of Polar Programs are July 24, 2003 and July 22, 2004. For more information, visit [www.nsf.gov/pubs/2002/nsf02111/nsf02111.htm#TOC](http://www.nsf.gov/pubs/2002/nsf02111/nsf02111.htm#TOC).

### Human and Social Dynamics of Change

This National Science Foundation special competition inaugurates the Human and Social Dynamics (HSD) priority area. It aims to develop and apply multi-scaled, multi-disciplinary approaches to better understand the causes and ramifications of change, and to increase collective capabilities to anticipate its complex consequences. A related goal is to improve the understanding of the dynamics of behavior and the human mind. Its objective also is to advance knowledge of the cognitive and social structures that create and define change, and to help people and organizations better manage profound or rapid change.

Areas of emphasis in the initial year of a multi-year effort include Decision Making Under Uncertainty (DMUU), a part of the President's Climate Change Research Initiative, with a deadline of July 15; Enhancing Human Performance (EHP) with a June 11 deadline; and Empirical Implications of Theoretical Models (EITM) with a June 12 deadline. For more information, see <http://www.nsf.gov/pubs/2003/nsf03552/nsf03552.htm>.

### Highly Dependable Computing and Communication Systems Research (HDCCSR)

The NSF and NASA will cooperate to fund projects to promote the ability to design, test, implement, evolve and certify highly dependable software-based systems. A significant feature of this solicitation is the use of a new NASA test-bed facility that will allow NSF awardees to evaluate their research products on significant real hardware/software artifacts through experiment. Proposals of up to \$160,000 per year for up to four years are sought from eligible organizations. Proposal evaluation will be done by a standard NSF merit review process, followed by a NASA evaluation for appropriateness and relevance to NASA objectives. (See the full "Program Description" for details on the NASA evaluation and objectives.) Because the solicitation seeks projects that combine the development of ideas and techniques with the execution of empirical studies and experimental validation using the NASA test-bed facility, funding will be provided through a combination of NSF grants and NASA cooperative agreements. The first deadline is June 18. Deadlines in fiscal year 2004 and beyond will be the fourth Friday of February annually. For more information, visit [www.nsf.gov/pubs/2003/nsf03557/nsf03557.htm](http://www.nsf.gov/pubs/2003/nsf03557/nsf03557.htm).

### Flexible Electronics

The Defense Advanced Research Projects Agency (DARPA) is soliciting innovative proposals for research on various aspects of distributed, large-area flexible electronics. Key features of the desired research are integrated electronics that are distributed over a large area flexible substrate. Proposals are sought in materials development and device fabrication for macroelectronics, process integration for cost effective manufacture of macroelectronics and analysis and demonstration of novel applications of macroelectronics. Responses are due May 19. More information is available at [www.eps.gov/spg/ODA/DARPA/CMO/BAA03-21/SynopsisP.html](http://www.eps.gov/spg/ODA/DARPA/CMO/BAA03-21/SynopsisP.html).

### Intelligent Systems

NASA Ames Research Center (ARC) has issued the research announcement accepting proposals from the computational sciences research community for innovative research that will advance information systems technology required by future NASA missions, specifically related to the Intelligent Systems Project. Several technology research areas are identified in the solicitation. NASA solicits truly novel approaches to solving future NASA problems, rather than refinements of existing techniques. Multiple awards are expected from the anticipated available \$20 million in fiscal 2004. Each award may be up to \$800,000. Proposals are due April 28. More information is available at [www.eps.gov/spg/NASA/ARC/OPDC20220/NRA2-38169/listing.html](http://www.eps.gov/spg/NASA/ARC/OPDC20220/NRA2-38169/listing.html).

### Biodefense Research

In response to growing concerns about the use of biological agents in acts of terrorism, the National Institute of Allergy and Infectious Diseases (NIAID) has expanded its biodefense research program. The ultimate goal of the expansion is to develop effective diagnostics, vaccines and therapeutics to protect the public in the event of a biological attack or the sudden emergence of select rare or eradicated diseases.



NIAID has developed a list of high priority agents to help focus accelerated research efforts that can be accessed through the solicitation. Eligible organizations include domestic and foreign for-profit or non-profit organizations; public or private institutions such as universities, colleges, hospitals and laboratories; faith-based or community-based organizations; units of state and local governments; and eligible agencies of the federal government. More information is available at <http://grants.nih.gov/grants/guide/pa-files/PA-03-080.html>.

## Legislative Bill Status Report

Office of the NDSU General Counsel

Listed are brief descriptions of select bills that have been passed by the Legislature and signed by the governor. Also listed are concurrent resolutions passed by both Houses. Bold items are new to the list since the last report. The Legislature's Web site is [www.state.nd.us/lr](http://www.state.nd.us/lr). Report as of April 9.

Abbreviations: HB—House Bill; SB—Senate Bill; SCR—Senate Concurrent Resolution; HCR—House Concurrent Resolution.

### House Bills

**HB 1060: Workers' compensation—Updated to workers' compensation law including prohibiting retaliation by employer if employee seeks workers' compensation benefits.**

**HB 1087: Composition and purpose of Upper Great Plains Transportation Institute.**

**HB 1093:** Allow agencies to pay bonus to current employees and to recruit new employees.

**HB 1124:** Higher education institutions may charge fee for room and meals for summer programs for which high school credit is awarded.

**HB 1127:** Eligibility/technology occupations student loan program.

**HB 1149:** Workers' compensation—affects numerous workers' compensation policies and procedures.

**HB 1163:** Relating to disclosure of health information for treatment of mental illness.

**HB 1204: Registration of landscape architecture.**

**HB 1215:** Provides penalty for tampering, disabling or falsely sounding a fire alarm.

**HB 1249:** Early childhood services must notify parents/employees of complaint process.

**HB 1251:** Provides owner of computer system a civil remedy for computer crimes.

**HB 1297:** Preference to North Dakota coal.

**HB 1424:** Prohibits human cloning.

### Senate Bills

**SB 2038:** Exempting from open records/computer passwords/security information.

**SB 2058:** PERS retirement changes.

**SB 2075:** Would keep surplus property funds (sales less than \$3,000) for the state general fund.

**SB 2106:** Broadens eligibility for payment of sick leave upon termination.

**SB 2157:** Regulation of athlete agents.

**SB 2224:** Limits efficient proximate cause in insurance claims.

**SB 2256:** Relating to confidentiality of state seed department tests.

**SB 2347:** Allows more flexibility in guaranteed energy savings contracts.

**SB 2350:** Assessment of property taxes of certain state properties held under lease.

### Concurrent Resolutions passed by both Houses

**HCR 3011:** Directs Legislative Council to student North Dakota open records laws.

**HCR 3031:** Urges NDSU to host the Genetic Research Center.

**SCR 4020:** A concurrent resolution encouraging state agencies to provide college internships.

## Calendar

### April

Through April 17 Baccalaureate exhibition—Petra Johnson, Reineke Visual Arts Gallery.

Through April 25 Senior Comprehensive Interior Design Projects, Memorial Union Gallery.

Through May 1 "Down to Earth—Photographs of North Dakota," exhibition by photographer Dan Koeck, President's Gallery, Old Main

Through June 23 "TV in '53" exhibition, NDSU Libraries' Lower Level Gallery

16 YMCA of NDSU brown bag seminar—"Lies Our Authorities Tell Us," noon, Memorial Union University Chamber

16 Statistics—Terry L. Shaffer, U.S. Geological Survey, "An Overview of Regression Techniques, Old and New," 3 p.m., Stevens 230

16 Physics—Greg Gillispie, Dakota Technologies Inc., "Direct Recording of Fluorescence Decay in Molecules," 4 p.m., South Engineering 208

17 Staff Recognition Luncheon, 11:30 a.m., Memorial Union Ballroom. Tickets available through March 28 in human resources, Old Main 205.

18 Good Friday holiday—university closed

21 Percussion Ensemble concert, 7:30 p.m., Festival Concert Hall. Tickets are \$5 for adults and \$2 for students, seniors and children.

- 22 USDA-ARS—Keith Klein, Minnesota State University, Mankato, “Sex and Recombination in an Imperfect World: Evidence for Both in *Fusarium Oxysporum*,” 1 p.m., Northern Crop Science Laboratory large conference room
- 22 CATTT Technology Transfer Spring Symposium, 3-5 p.m., Research and Technology Park, Building 1, conference room 148/154
- 22 Distance and Continuing Education—“Stock Market Tactics: Playing the Greatest Game on Earth,” 7 p.m., Loftsgard 104
- 22-27 Baccalaureate exhibition—Nathaniel Booth, Reineke Visual Arts Gallery. Reception 6:30 p.m. Saturday, April 26.
- 23 Civil Education Month—presentation by Benny Hochman, Nazi concentration camp survivor, 7 p.m., Memorial Union Gallery
- 24 Distance and Continuing Education—“Overweight Issues in Childhood: ‘Role of Environment and Community,’” 10 a.m.-4 p.m., Memorial Union Peace Garden Room
- 25-27 Red River International Conference on World Literature, Memorial Union
- 25 History—Barbara Handy-Marchello, “‘We’re Having Too Much Fun’: A Proposed Model for Teaching History Teachers,” 3 p.m., Minard 407
- 25 Plant sciences—Marcelo J. Carena, assistant professor of plant sciences, “Open-Pollinated Corn: Useful and Competitive,” 3:30 p.m., Loftsgard 114
- 25 Psychology—Stephen A. Wonderlich, Neuropsychiatric Research Institute and the University of North Dakota School of Medicine, “Bulimia Nervosa and Impulsivity: The Role of Daily Mood States,” 3:30 p.m., Minard 209
- 26 Woodlands and High Plains Powwow sponsored by NDSU, Concordia College and Minnesota State University Moorhead. Grand entries at 1 p.m. and 7 p.m., Bison Sports Arena. Admission is \$2. For more information, call 1-1029.
- 26 Lively Arts Series—The Blind Boys of Alabama, 7 p.m., Festival Concert Hall. Tickets are \$13 for adults, \$10 for seniors and NDSU employees, \$7 for children and non-NDSU students, and \$6 for NDSU students.
- 26 Red River Conference on World Literature screening of the film “My America...Or Honk If You Love Buddah,” 8 p.m., Fargo Theatre. Free.
- 27 Jazz Ensemble concert, 2 p.m., Beckwith Recital Hall. Free
- 28 ITS—Technology Lunchbox demonstration, “Microsoft Visio-Can You Use It?” 12:10 p.m., Memorial Union University Chamber
- 29 Distance and Continuing Education—“Stock Market Tactics: Playing the Greatest Game on Earth,” 7 p.m., Loftsgard 104
- 29-May 6 Baccalaureate exhibition—Christine Gallagher, Reineke Visual Arts Gallery.
- 29 Staff free preview night of “subUrbia,” 9 p.m., Askanase Auditorium. Call 1-9442 for tickets.
- 29-30 Architecture and landscape architecture thesis preview days, Memorial Union Gallery. Reception 4-6 p.m. Wednesday, April 30. Sponsored by the Department of Architecture and Landscape Architecture, F-M area architects and the Memorial Union Gallery.
- 30-May 3 Little Country Theatre—“SubUrbia” by Eric Bogosian, 9 p.m., Askanase Auditorium. Tickets are \$10 for adults, \$8 for seniors and students, and \$4 for NDSU students. Due to adult content, no one under 16 will be admitted without a parent.
- ## May
- 1-16 Architecture and landscape architecture award finalists, Memorial Union Gallery. Fifth-year awards ceremony reception, 4-6 p.m. Friday, May 9. Sponsored by the Department of Architecture and Landscape Architecture and the Memorial Union Gallery.
- 2 Plant sciences—Harlene Hatterman-Valenti, assistant professor of plant sciences, “High-Value Crops Research,” 3:30 p.m., Loftsgard 114
- 2 Varsity Band and Brass Ensemble concert, 7:30 p.m., Festival Concert Hall. Tickets are \$5 for adults and \$2 for students, seniors and children.
- 3 Concert Band concert, 7:30 p.m., Festival Concert Hall. Tickets are \$5 for adults, and \$2 for students, seniors and children.
- 5-15 Army ROTC and Bison Raiders food drive for Churches United for the Homeless. Canned goods accepted in Bentson Bunker Fieldhouse room 103 and in residence hall collection boxes. Call 1-9577 for information.
- 6 Spring choral concert, 7:30 p.m., Festival Concert Hall. Tickets are \$5 for adults and \$2 for students, seniors and children.
- 8-18 Baccalaureate exhibition—Quentin Martin, Reineke Visual Arts Gallery. Reception 6:30 p.m. Thursday, May 8.
- 8 Communications—“Growing North Dakota: Communication Student Symposium,” 11 a.m., Memorial Union Century Theatre
- 9 Printmaking and ceramic sale, noon-6 p.m., art building
- 26 Memorial Day holiday—university closed
- 29-30 “Agricultural Competitiveness and World Trade Liberalization: Implications of the WTO and FTAA” conference, Ramada Plaza Suites and Conference Center



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